Instruction Manual

DSS-200

DENVER®

5.1 Power Amplified Home Theatre Speaker System
w/ Remote Control

Read this manual carefully to get the excellent acoustics from this unit.

SPECIFICATIONS

20. L/R Balance (Stereo).....±1.5dB

Size and Net Weight:

21. Size Of Subwoofer (WxHxD).....200x335x400(mm)

22. Size Of Front Speaker (DxH)..... 86x1050(mm)

23. Size Of Centre Speaker (DxH)..... 86x350(mm)

24. Size Of Rear Speaker (DxH)..... 86x1050(mm)

25. Net Weight.....22.8kg

Note: Specifications are subject to change for improvements.

SAFETY INFORMATION

THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED, " DANGEROUS VOLTAGE ", WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

Safety Precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFEGUARDS

Caution: Please read carefully all the following important safeguards to ensure safe operation.

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Follow Instructions - All operating instructions should be followed.
4. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.
5. Power Source - The appliance should be connected to a power supply only of the type specified in the operating instructions or as marked on the appliance.
6. Power-cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
7. Water and Moisture - The appliance should not be used near water (for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.)
8. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. Do not use the appliance on a bed, sofa, rug or similar surface that may block the ventilation openings.

SPECIFICATIONS

1. Power Supply.....AC 230V/50Hz
2. Power Consumption.....200W
3. Input Sensitivity (Subwoofer).....60mV±20mV
4. Input Sensitivity (Satellite).....300mV±50mV
5. Speaker Impedance (Subwoofer).....8 Ohm
6. Speaker Impedance (Satellite).....4 Ohm
7. S/N (A Weight)..... 72dB
8. Subwoofer Power Output (RMS).....50W
9. Front Speaker Power Output (RMS).....15Wx2
10. Centre Speaker Power Output (RMS).....15W
11. Rear Speaker Power Output (RMS).....15Wx2
12. THD (1kHz, 1W)..... 0.5%
13. Bass (100Hz)..... ±8dB
14. Treble (10kHz)..... ±8dB
15. Frequency Response (Subwoofer).....40Hz~200Hz ±5dB
16. Frequency Response (Front Speaker).....200Hz~20kHz ±5dB
17. Frequency Response (Centre Speaker).....200Hz~20kHz ±5dB
18. Frequency Response (Rear Speaker).....200Hz~20kHz ±5dB
19. L/R Separation (1kHz)..... 30dB

TROUBLE SHOOTING

5. REAR SPEAKER SILENT
   (1) Check whether the system is connected correctly with the Rear speaker.
   (2) Check whether the system is connected correctly with the audio source.
   (3) Check whether 2.1CH is selected as audio output.
   (4) Check whether 3.1CH is selected as audio output.

SUPPLEMENT

To improve the effect of the system, please note the following when you connect the DVD player as the audio input.

1. When 5.1 channel audio input is selected, the DVD player should be set as multi-channel and choose the proper Disc format.

2. This speaker system is 5.1 channel satellite speaker system, so in the speaker setting (in DVD menu) for the DVD player, the front, centre and surround speakers should be set as **small**, and set the subwoofer at **on** status to allow it.

   If the detailed instruction about DVD player setting is required, please read the instruction manual carefully.

IMPORTANT SAFEGUARDS

9. Heat - Keep the appliance away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

11. Damage requiring service - The appliance should be serviced by qualified service personnel when:
    a/ The power-supply cord or the plug has been damaged; or
    b/ Objects have fallen or liquid has been spilled into the appliance; or
    c/ The appliance has been exposed to rain; or
    d/ The appliance does not appear to operate normally or exhibits a marked change in performance; or
    e/ The appliance has been dropped, or the enclosure damaged.

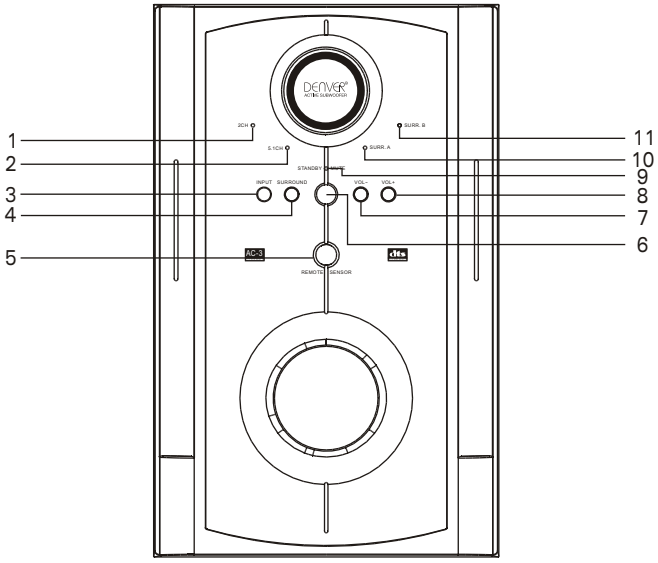
12. Servicing - The user should not attempt to service the appliance beyond that specified in the operating instructions. All other servicing should be referred to qualified service personnel.

13. Clean only with dry cloth.

14. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult and electrician for replacement of the obsolete outlet.

15. Unplug this apparatus during lightning storms or when unused for long periods of time.

FRONT PANEL - CONTROLS AND FUNCTIONS



1. 2CH: 2 Channel Input Indicator.
2. 5.1CH: 5.1 Channel Input Indicator.
3. INPUT Button.
4. SURROUND: Surround Sound Decoder.
5. REMOTE SENSOR: Remote Receiver.
6. STANDBY: Power Standby.
7. VOL-: Volume Down.
8. VOL+: Volume Up.
9. MUTE: Power Standby and Mute Indicator.
10. SURR. A: 3D Stereo Indicator.
11. SURR. B: 5.1 Stereo Indicator.

TROUBLE SHOOTING

1. NO OUTPUT
   (1) Check whether the system is connected correctly.
   (2) Check whether the Volume is set at minimum. Adjust it accordingly.
   (3) Check whether the Audio Input is in PLAY mode.

2. FRONT LEFT SPEAKER SILENT
   (1) Check whether the system is connected correctly with the Front Left speaker.
   (2) Check whether the Balance function is switched off. Adjust it accordingly.
   (3) Check whether the system is connected correctly with the audio source.

3. FRONT RIGHT SPEAKER SILENT
   (1) Check whether the system is connected correctly with the Front Right speaker.
   (2) Check whether the Balance function is switched off. Adjust it accordingly.
   (3) Check whether the system is connected correctly with the audio source.

4. CENTRE SPEAKER SILENT
   (1) Check whether the system is connected correctly with the Centre speaker.
   (2) Check whether the system is connected correctly with the audio source.
   (3) Check whether 2.1CH is selected as audio output.

the Rear Right Speaker output and STANDBY indicator (9) will light up and flash.

2. Press RR - button (37) on the remote controller to minimize the Rear Right Speaker output and STANDBY indicator (9) will light up and flash.

J. 5.1 CHANNELS INPUT Selection

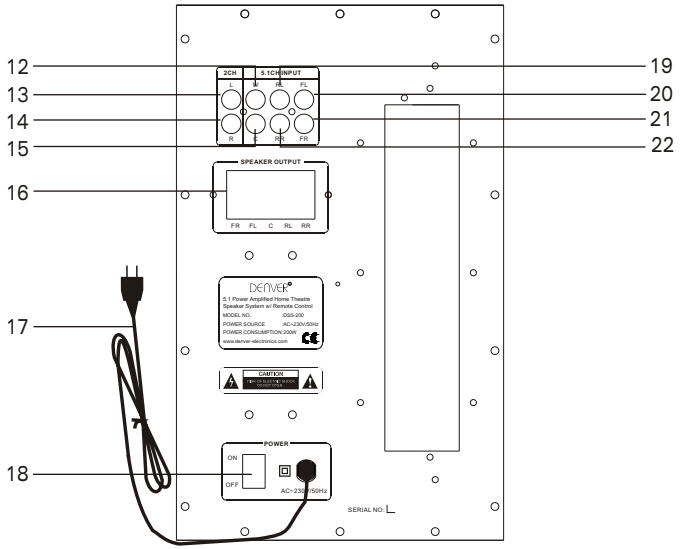
1. Connect the system properly. 5.1 Channels audio output must comply with 5.1 Channels audio input. (**Note:** AC-3/dts will decode 5.1 Channels output.)
2. Press INPUT button (25) on the remote controller to shift the status for audio input to 5.1CH channels input.
3. Adjust all output settings including VOLUME, BASS, TREBLE (if necessary) now to enjoy the wonderful and tremendous Home Theatre effects.

K. MUTE Selection

1. Press the MUTE button (33) on the remote controller once to keep the performance silent.
2. MUTE indicator (9) on the front panel will then light up and flash.
3. Press it again to resume the performance.

L. PRESET Selection

Press on PRESET button (34) on the remote controller will reset all settings including BALANCE, CENTRE Speaker output, REAR Speaker output to 0dB status preset by the manufacturer.



12. 5.1CH Subwoofer Audio Input.
13. Stereo Left Audio Input.
14. Stereo Right Audio Input.
15. 5.1CH Centre Audio Input.
16. Speaker Output.

    FR: Front Right Speaker Output.

    FL: Front Left Speaker Output.

    C: Centre Speaker Output.

    RL: Rear Left Speaker Output.

    RR: Rear Right Speaker Output.

REAR PANEL - CONTROLS AND FUNCTIONS

17. AC Power Cord.

18. Power On/Off Switch.

19. 5.1CH Rear Left Audio Input.

20. 5.1CH Front Left Audio Input.

21. 5.1CH Front Right Audio Input.

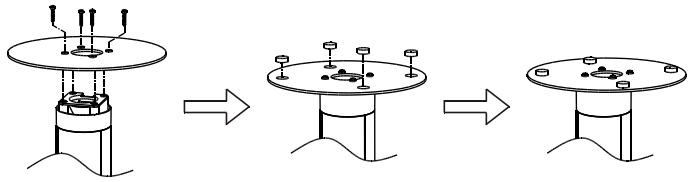
22. 5.1CH Rear Right Audio Input.

SETTING UP THE ALUMINIUM DIE-CASTING SPEAKERS

Remove the base, aluminium speakers, screws, and rubber feet from the packaging. Now you can set it up as follows:

1. Place the base at the bottom of the speaker pole, insert and tighten the screws to secure the base to the speaker.

2. Stick the rubber foot on the base.



OPERATING INSTRUCTION - MAIN UNIT

SURROUND Mode	SURR. A Indicator	SURR. B Indicator
3.1CH Stereo	On	Off
5.1CH	Off	On
5.1CH (Strengthened)	On	On

Note: (1) Rear speakers output are off when 3.1CH Stereo mode is selected.

(2) The system is based on 2.1 Channels output. SURROUND is of no function at 5.1 Channels status.

G. CENTRE SPEAKER Selection

1. Press C + button (28) on the remote controller to maximize the Centre Speaker output and STANDBY indicator (9) will light up and flash.

2. Press C - button (38) on the remote controller to minimize the Centre Speaker output and STANDBY indicator (9) will light up and flash.

H. REAR LEFT SPEAKER Selection

1. Press RL + button (27) on the remote controller to maximize the Rear Left Speaker output and STANDBY indicator (9) will light up and flash.

2. Press RL - button (29) on the remote controller to minimize the Rear Left Speaker output and STANDBY indicator (9) will light up and flash.

I. REAR RIGHT SPEAKER Selection

1. Press RR + button (36) on the remote controller to maximize

2. Press the BASS - button (32) on the remote controller to minimize the Bass output. Standby Indicator (9) on the front panel will light up and flash when the Bass Output is decreased to Minimum accordingly.

D. TREBLE Selection

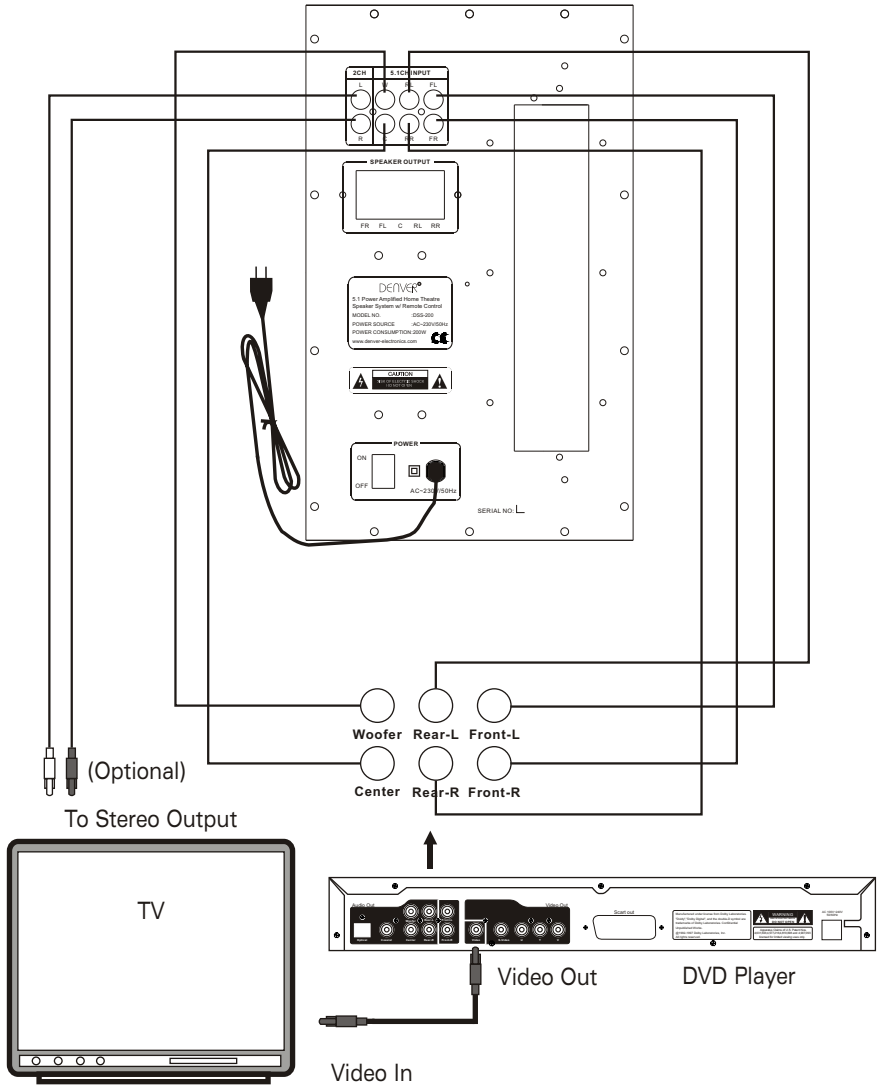
1. Press the TREBLE + button (39) on the remote controller to maximize the Treble output. Standby Indicator (9) on the front panel will light up and flash when the Treble Output is increased to Maximum accordingly.
2. Press the TREBLE - button (40) on the remote controller to minimize the Treble output. Standby Indicator (9) on the front panel will light up and flash when the Treble Output is decreased to Minimum accordingly.

E. BALANCE Selection

1. Press the BALANCE L button (26) on the remote controller to minimize the Left speaker output.
2. Press the BALANCE R button (35) on the remote controller to minimize the Right speaker output.
3. Standby Indicator (9) on the front panel will light up and flash when the Balance Output is adjusted almost to the Centre status.

F. SURROUND DECODER Selection

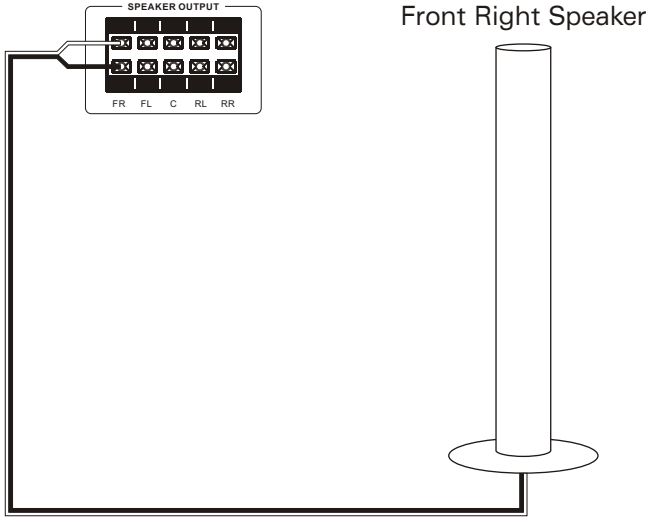
1. Connect and place Centre and Rear speakers properly.
2. Press on SURROUND button (4) on the front panel of the main unit or (24) on the remote controller to select Surround Decoder for Home Theatre system effects.



SYSTEM CONNECTION INSTRUCTION

Use the SPEAKER OUTPUT jacks on the rear panel of main unit to connect to the satellite speakers.

(Connection example)



OPERATING INSTRUCTION - MAIN UNIT

A. Switch On/Off the Product

1. Before turning on the system, please connect it according to the System Connection Instruction.
2. Connect AC power supply with this product.
   (Caution: Power source must be consistent with this product.)
3. Press on the power switch button (18) on the Rear Panel of the main unit to switch on the system, the standby indicator will light up. Press it once again to switch off the unit. Then press the standby button (6) on the main unit or button (23) on the remote controller to enter the normal status. Press the button (6) or button (23) on the remote controller once again to keep power in standby status.

B. VOLUME Selection

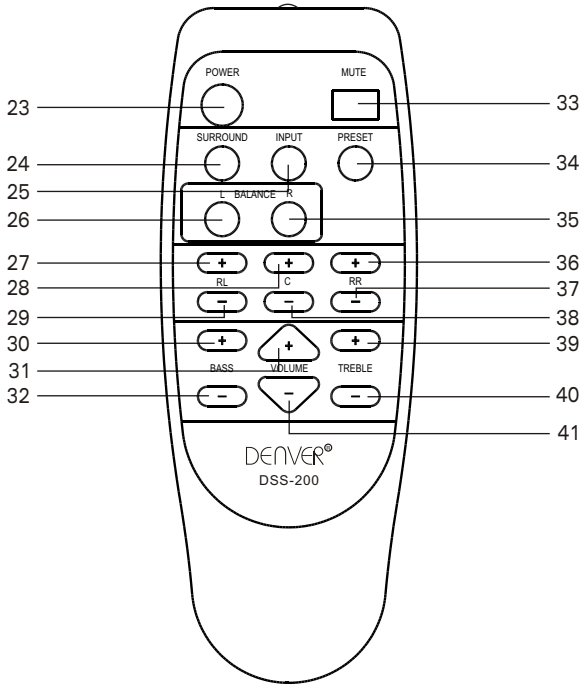
1. Press the VOL+ button (8) on the front panel of the main unit or VOLUME + button (31) on the remote controller to maximize the sound output. Standby Indicator (9) on the front panel will light up and flash when the Volume is increased to Maximum accordingly.
2. Press the VOL- button (7) on the front panel of the main unit or VOLUME - button (41) on the remote controller to minimize the sound output. Standby Indicator (9) on the front panel will light up and flash when the Volume is decreased to Minimum accordingly.

C. BASS Selection

1. Press the BASS + button (30) on the remote controller to maximize the Bass output. Standby Indicator (9) on the front panel will light up and flash when the Bass Output is increased to Maximum accordingly.

5. To properly use the remote controller, please put its front emitter right at the receiving lattice (remote sensor) of the main system.

6. The normal and effective distance for operating the system by the remote controller is 7 meters within the system, and at 30 angle left or right diverged away from the system.



23. POWER: Power Standby.

24. SURROUND: Surround Decoder.

25. INPUT: Input Switch.

26. BALANCE L: Left Speaker Balance.

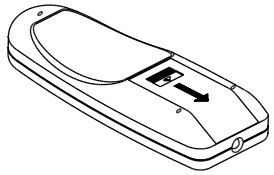
27. RL +: Rear Left Balance Output Up.

28. C +: Centre Output Up.

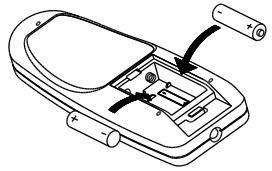
29. RL -: Rear Left Balance Output Down.

30. BASS +: Bass Output Up.
31. VOLUME +: Main Volume Up.
32. BASS -: Bass Output Down.
33. MUTE: Output Suspension.
34. PRESET: Location retrieval.
35. BALANCE R: Right Speaker Balance.
36. RR +: Rear Right Balance Output Up.
37. RR -: Rear Right Balance Output Down.
38. C -: Centre Output Down.
39. TREBLE +: Treble Output Up.
40. TREBLE -: Treble Output Down.
41. VOLUME -: Main Volume Down.

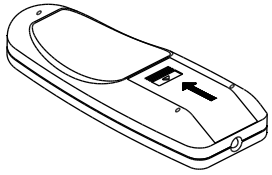
1. Before using the remote controller, please insert correct type of batteries into the battery compartment.
2. The remote controller uses 2x1.5V/AAA batteries.
3. Please insert the batteries as indicated below.
   a/ Remove the battery compartment cover.



   b/ Insert 2 batteries as per the polarities marked inside the battery compartment.



   c/ Replace the battery cover.



4. If the remote controller is of no function, please check the batteries or change new batteries before consulting technical personnel.